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Serial No. Docket No. Form PTO-1449 Modified 09/899,488 **CELL-0113** (PA 471.3) Applicant List of Patent and Publications Barry John Langham, et al. Cited by Applicant (Use several sheets if necessary) Group Filing Date U.S. Department of Commerce Not-Yet Assigned-July 5, 2001 Patent and Trademark Office OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) Abraham, W.M. et al., "\alpha_4-Integrins Mediate Antigen-Induced Late Bronchial $\mathbf{A}\mathbf{A}$ Responses and Prolonged Airway Hyperresponsiveness in Sheep," J. Clin. Invest., **1994,** *93*, 776-787 Alhaique, F., et al., "Cyclisation of dinitriles by sodium alkoxides a new synthesis of AB naphthyridines," Tetrahedron Letters, 1975, 3, 173-174 Ames, D.E., et al., "Condensation of ß-dicarbonyl compounds with \mathbf{AC} halogenopyridinecarb-oxylic acids. A convenient synthesis of some naphthyridine derivatives," J.C.S. Perkin I, 1972, 705-710 Azzouny, A.E., et al., "Zur Synthese Acyclischer und Cyclischer Anthranilsäure-AD Phenylalanin-Peptide," Pharmazie, 1977, 32(6), 318-323 (German language only) Bach et al., "Anomalous optical rotation and circular dichroism of N-thioacylated alpha AE amino acids and deriva," Acta Chem. Scand., 1966, 20(10), 2781-2794 Badshah, A., et al., "Catalytic reduction of azlactones in alkaline media. Synthesis of AF amino acids," J. of Organic Chemistry, 1972, 37(18), 2916-2918 Barrett, G.C., "Circular dichroism of N-thiobenzoly-1-α-amino acids. III. Their AG circular dichroism through the near-ultraviolet wavelength range," J. Chem. Soc., 1967, Section C, 1-5 Berlin, C. et al., "α4β7 Integrin Mediates Lymphocyte Binding to the Mucosal AH Vascular Addressin MAdCAM-1," Cell, 1993, 74, 185-195 Binns, R.M. et al., "The Role of E-Selectin in Lymphocyte and Polymorphonuclear Cell AI Recruitment into Cutaneous Delayed Hypersensitivity Reactions in Sensitized Pigs," J. Immunol., 1996, 157, 4094-409 Bodor, N., "Novel approaches in prodrug design," Alfred Benzon Symposium, 1982, AJ *17*. 156-177 Briskin, M.J. et al., "Structural Requirements for Mucosal Vascular Addressin AK Binding to Its Lymphocyte Receptor $\alpha_4\beta_7$," J. Immunol., 1996, 156, 719-726 Brooks, Peter C., et al., "Antiintegrin avß3 blocks human breast cancer growth and \mathbf{AL} angiogenesis in human skin," J. Clin. Invest., 1995, 96, 1815-1822 **DATE CONSIDERED** EXAMINER

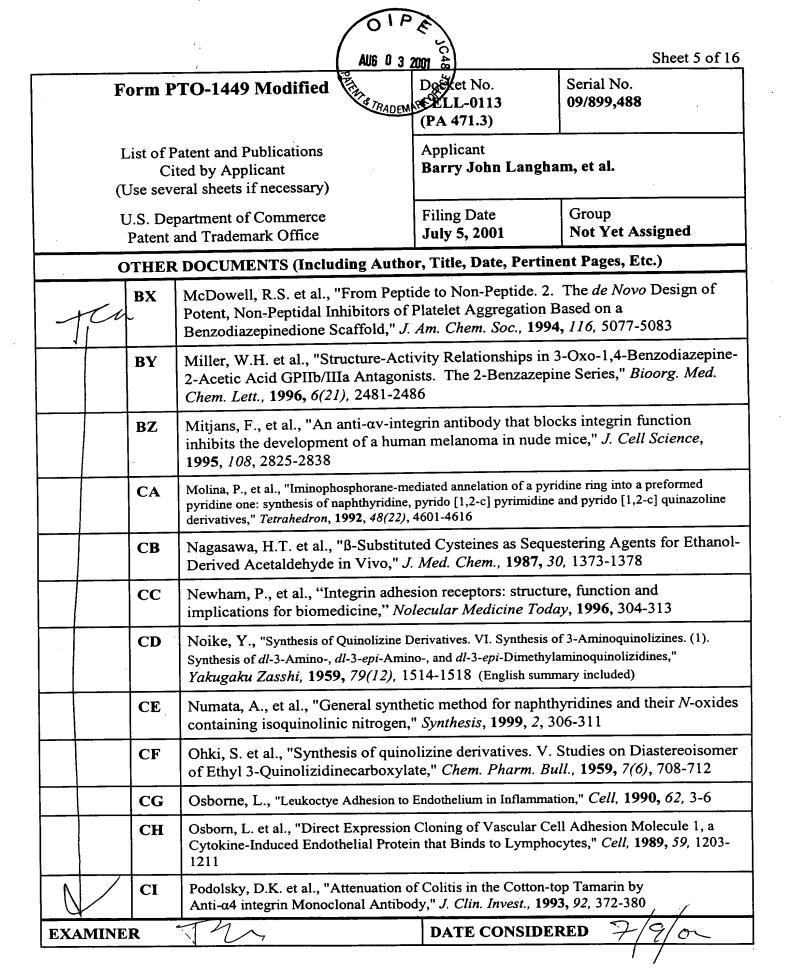
		AUS 0 3 2001	, & }			
	Form 1	PTO-1449 Modifie	Bocket No. CELL-0113 (PA 471.3)	Serial No. 09/899,488		
	C	Patent and Publications Cited by Applicant veral sheets if necessary)	Applicant Barry John Langha	m, et al.		
		epartment of Commerce and Trademark Office	Filing Date July 5, 2001	Group Not Yet Assigned		
	OTHE	R DOCUMENTS (Including Autho	r, Title, Date, Pertine	nt Pages, Etc.)		
Jen	AM	Buckle, D.R., et al., "Non Thiazolidi Heteroatom Substituted β -Phenylpro $6(17)$, 2121-2126	nedione Antihyperglyopanoic Acids," <i>Bioorg</i>	caemic Agents. 1: α- . Med. Chem. Lett., 1996,		
K	AN.	Bundgaard, H., Design of Prodrugs,	1985, Elsevier, Amste	rdam		
gu	AO	Cardarelli, P.M. et al., "Cyclic RGD Pe Segment 1 and Vascular Cell Adhesion 18673	Molecule," J. Biol. Che	m., 1994, 209(28), 18008-		
	AP	"Cephalosporins," Jpn. Kokai Tokkyo I pages); JP 57118588				
	AQ	Koho, Chemical Abstracts, "N-[4-Thia 95(19), Abstract No. 169173f, 1 page;	JP Patent, XP-00211410	7		
	AR	Clausen, K., et al., "Studies on amino a endothiodipeptides," J. Chem. Scr., 1981 page)	acids and peptides. II. Sy 82, 20(1-2), 14-18, doc. 1	nthesis of protected no. 97:163474 (abstract only,		
*	AS	Katritzky, A.R., et al. (Eds.), Comp Transformations, Pergamon, 1995	rehensive Organic Fun	ctional Group		
Jen	AT	Corey, E.J. et al., "A Synthetic Method for Formyl → Ethynyl Conversion (RCHO → RC=CH or RC=CR')," Tetrahedron Lett., 1972, 36, 3769-3772				
AU Cornforth, J.W., "Oxazoles and Oxazolones," Chem. Penicillin, Princeto Review, 1949, pages 688, 799, and 800				cillin, Princeton Book		
	AV	Davies, SG., et al., "Asymmetric synhomochiral lithium amide equivalents Asymmetry, 1991, 2(3), 183-186	for Michael additions to	α,β-unsaturated esters," Tetro		
	AW	Erle, D.J., et al., "Expression and function of the MadCAM-1 receptor, integrin α4β7, on human leukocytes," J. Immunol., 1994, 153, 517-528				
*	AX	Encyclopedia of Reagents for Organic				
	AY Ferguson, T.A. et al., "Two integrin-binding peptides abrogate T cell-mediated immune responses in vivo," Proc. Natl. Acad. Sci. USA, 1991, 88, 8072-8076					
ifen	`	responses in vivo," Proc. Natl. Acad.	3ct. USA, 1991, 00, 0072	,-8010		

^{*} A copy of this reference will not be forwarded to the U.S. Patent and Trademark Office since it is believed to be too voluminous and easily obtainable by the Examiner.

			AUG 0 3 20	7C48	Sheet 3 of 16		
	F	Form I	TO-1449 Modified RADEMAN	Decket No. ELL-0113 (PA 471.3)	Serial No. 09/899,488		
•		C	Patent and Publications ited by Applicant eral sheets if necessary)	Applicant Barry John Langha	m, et al.		
	,		partment of Commerce and Trademark Office	Filing Date July 5, 2001	Group Not Yet Assigned		
	(отнен	R DOCUMENTS (Including Autho	r, Title, Date, Pertine	nt Pages, Etc.)		
v	M	AZ	Frank, R., et al., "Extremely mild re (Cambridge), 1996, 22, 2509-2510,	agent for Boc deproted doc. no. 126:104395 (ction," Chem. Commun. abstract only, 3 pages)		
i	1	BA	Fu, H. et al., "Preliminary study on sy of timonacic," <i>Chemicals Abstracts</i> ,	1988, 108(17), Abstra	ct No. 150358k, 1 page		
9	\sim	вв	Giacomello, et al., "Synthesis of 2,6	5-naphthyridine," Tetro	a. Letters, 1965 , 16, 1117-		
*		вс	Green, T.W., et al., "Protective Gro(eds.), 1991	oups in Organie Synthe	esis," John Wiley and Sons		
9	M	BD	Hammes, H., et al., "Subcutaneous injecceptor-type integrins inhibits retinal 533	ection of a cyclic peptide neovascularization," Na	e antagonist of vitronectin ture Medicine, 1996, 2, 529-		
		BE	Harris, R.L.N. et al., Aust. J. Chem., "I analogs of mimosine," 1977, 30(3), 64	Potential wool growth in	hibitors. 2(1H)-Pyridone		
		BF	Hartke, K. et al., "Dithio and thiono es endothiodipeptides,", J. Prakt. Chem.,	sters. Part 61. Synthesis 1996, 338(3), 251-256	s ofα-amino dithioesters and		
		BG	Hodivala-Dilke, K.M., "β3-integrin-deficient mice are a model for glanzmann thrombasthenia showing placental defects and reduced survival," J. Clin. Invest., 1999, 103(2), 229-238				
		BH Holzmann, B., et al., "Peyer's patch-specific lymphocyte homing receptors consist a VLA-4-like α chain associated with either of two integrin β chains, one of which novel," <i>EMBO J.</i> , 1989, 8(6), 1735-1741					
		BI Humphries, M.J. et al., "Mechanisms of VCAM-1 and fibronectin binding to integ α ₄ β ₁ : implications for integrin function and rational drug design," Ciba Foundation Symposium, 1995, 189, 177-194					
		ВЈ	Issekutz, T.B., "Inhibition of Lymp Lymphocyte Migration to Cutaneo Antibody to Rat LFA-1," J. Immun	us Inflammation by TA	A-3, a New Monoclonal		
		()	11111		1/4/82		

^{*} A copy of this reference will not be forwarded to the U.S. Patent and Trademark Office Since it is believed to be too voluminous and easily obtainable by the Examiner

		AUG O 3	2001 A	Sheet 4 of 16
I	Form P	TO-1449 Modified TRADEM	Discket No. SELL-0113 (PA 471.3)	Serial No. 09/899,488
	Ci	atent and Publications ted by Applicant eral sheets if necessary)	Applicant Barry John Langha	am, et al.
		partment of Commerce and Trademark Office	Filing Date July 5, 2001	Group Not Yet Assigned
. (OTHER	DOCUMENTS (Including Aut	hor, Title, Date, Pertin	ent Pages, Etc.)
Jen	вк	Jaynes, B.H. et al., "Synthesis an Analogs Modified at the C ₄ ' Aryl 1531-1536	d <i>In Vivo</i> Antibacterial A Position," <i>Bioorg. Med</i>	Activity of Hygromycin a l. Chem. Letts., 1993, 3(8),
	BL	Jepson, J.B. et al., "Reactions of Thiazolones and Derivatives The	α-Thioacylamino-acids. ereof," <i>J. Chem. Soc.</i> , 19	Their conversion into 955, 1791-1797
	BM	Kalvin, D.M., et al., Synthesis of lactones," J. Org. Chem., 1985,	50, 2259-2263	
	BN	Keenan, R.M. et al., "Discovery Antagonists," J. Med. Chem., 19	of Potent Nonpeptide V 97 , 40(15), 2289-2292	itronectin Receptor (avβ ₃)
	во	Kobayashi, A., et al., "Syntheses thiazolones," <i>J. Yakugaku Zassh</i> (abstract only, 3 pages)	s of 2-dialkylamino-4,4- i, 1970 , <i>90(11)</i> , 1377-13	disubstituted 5 (4H)- 380, doc. no. 74:31713
	BP	Koenig, H.B., et al., ".betaLact 83:97276 (abstract only, 5 pages	am antibiotics," <i>Ger. O<u>f</u></i> s); German patent	ffen., 41 pages, doc. no.
	BQ	Koivunen, E., et al., "Selection of display library," J. Biological C.	of peptides binding to the hemistry, 1993, 268(27).	e $\alpha_5 \beta_1$ integrin from phage , 20205-20210
	BR	Lei, H. et al., "Efficient Synthes the Construction of Amphiphilic	is of a Phosphinate Bis- e Peptides," <i>J. Org. Chem</i>	Amino Acid and Its Use in m., 1994, 59, 4206-4210
	BS	Li, Z. et al., "Effect of an anti-Mol airway hyperresponsiveness in dog	MAb on ozone-induced as," Am. J. Physiol., 1992,	airway inflammation and 263(6 Pt 1), L723-726
BT Lobb, R.R., et al., "Small molecule antagonists of alpha4 integrins: novel drugs for asthma," Exp. Opin, Invest. Drugs, 1999, XP000885957, 8(7), 935-945			egrins: novel drugs for (), 935-945	
	BU	Marlin, S.D. et al., "LFA-1 Imm 855-867	unodeficiency Disease,	" J. Exp. Med., 1986, 164,
	BV	Masahiko, N., Japanese Patent Methylcinnamic Acid Derivativ The Same," Patent Abstracts of	e, its Preparation and A	d May 19, 1982, "Alpha- ntilipemic Agent Containing
V	BW	Masuda, T., Jpn. Kodai Tokkyo 1 page); JP patent	Koho, 22 pages, doc. no	b. 115:280022 (abstract only,
EXAMIN	FP ($\Gamma / \Lambda \Lambda$	DATE CONSIDE	RED 7/9/02





Form PTO-1449 Modified TRADEMAN

ocket No. CELL-0113

Serial No. 09/899,488

(PA 471.3)

Applicant

Barry John Langham, et al.

U.S. Department of Commerce

List of Patent and Publications

Cited by Applicant (Use several sheets if necessary)

Filing Date
July 5, 2001

Group

Not Yet Assigned

	Patent a	and Trademark Office	July 5, 2001	Not Yet Assigned		
C	THER	DOCUMENTS (Including Autho	r, Title, Date, Pert	inent Pages, Etc.)		
Jen	CJ	Pfeifer, T., et al., "Specific fragmentate the thioxylated amino acid," J. Mass S 127:331738 (abstract only 2 pages)	ion of thioxo peptide pectrom, 1997, 32(1	es facilitates the assignment of 0), 1064-1071, doc. no.		
	CK	Sakamoto, T., et al., "Condensed he naphthyridine derivatives by cycliz <i>Pharm. Bull.</i> 1985 , <i>33(2)</i> , 626-633	eteroaromatic ring s ation of ethynylpyr	systems. III. synthesis of idinecarboxamides," <i>Chem.</i>		
	CL	Samanen, J., et al., "Vascular indic Pharm. Design., 1997, 3, 545-584	ations for integrin a	alpha V antagonists," Current		
	СМ	Šavrda, J., "CIS-TRANS isomerism analogues, linear peptides with CIS Symposium, Loffet, A. (ed.), 1976,	S peptide bonds," P	vatives of proline and its roc. 14th European Peptide		
	CN	Sawa, N., et al., "Preparation of 4(5) Kokai Tokkyo Koho, 33 pages, doc patent	5)-thiocarbamoylim . no. 115:183296 (a	nidazole compounds," <i>Jpn</i> . abstract only, 2 pages); JP		
	СО	Schultz, Von OE. et al., "Analoge Arzneimittel Forschung. Drug Res.	s of nuceic acid bas , 1967, <i>17(8)</i> , 1060	es as antimetabolites," 0-1064 (English summary included)		
	СР	Schutkowski, M., et al., "Inhibition substrate analog structures: thioxo 34(40), 13016-13026	n of peptidyl-prolyl tetrapeptide-4-nitro	cis/trans isomerase activity by panilides," <i>Biochemistry</i> , 1995,		
	CQ	Shroff, H.N., et al., "Small peptide to lymphocytes," Bioorg. Med. Ch	inhibitors of $\alpha_4\beta_7$ inhibitors of $\alpha_4\beta_7$ in the inhibitors of $\alpha_4\beta_7$ inhibitors of $\alpha_4\beta_7$ inhibitors of $\alpha_4\beta_7$ in the inhibitors of $\alpha_4\beta_7$	mediated MadCAM-1 adhesion (21), 2495-2500		
	CR	Singh, G., et al., "Prodrug approace Ind. Res., 1996, 55, 497-510	h in new drug desig	gn and development," J. Sci.		
	CS	Sonnenberg, A., "Integrins and their ligands," Curr. Topics Microbiol. Immunol., 1993, 184, 7-35				
	СТ	Springer, T.A., "Adhesion receptors 434	of the immune syste	em," Nature, 1990, 346, 425-		
V	CU	Springer, T.A., "Traffic Signals fo Emigration: The Multistep Paradig				
EXAMINE	R ·	TM	DATE CONSIL	DERED $\frac{2}{9}$		

AUG 0 3 2001 8 33

]	Form 1	PTO-1449 Modified TRADEMIN	CELL-0113 (PA 471.3)	Serial No. 09/899,488		
		C	Patent and Publications lited by Applicant veral sheets if necessary)	Applicant Barry John Langha	m, et al.		
			epartment of Commerce and Trademark Office	Filing Date July 5, 2001	Group Not Yet Assigned		
		OTHE	R DOCUMENTS (Including Author	r, Title, Date, Pertine	nt Pages, Etc.)		
1	m	CV	Srivatsa, S.S., et al., "Selective avß3 hyperplasia and lumen stenosis follow for the functional importance of integneointima formation," Cariovascular	wing deep coronary art grin αvβ3 and osteopor	terial stent injury: evidence thin expression during		
		CW	Stupack, D.G., et al., "induction of α matrix in β ₁ integrin (CD29)-negativ 443-448	_ν β ₃ integrin-mediated a e B cell lines," <i>Experi</i> .	attachment to extracellular Cell Research, 1992, 203,		
		CX	Tan R., et al., "Synthesis of 2, 6-naphthyridine and some of its derivatives," Tetrahedron Letters, 1965, 31, 2737-2744				
		CY	Tous, G., et al., "O'-(Epoxyalkyl) tyrosines and (Epoxyalkyl) phenylalanine as irreversible inactivators of serine proteases: synthesis and inhibition mechanism," <i>J. of Medicinal Chemistry</i> , 1990, 33(6), 1620-1634				
		CZ	Tsunematsu, H. et al., "Hydrolysis of arginine by trypsin and related enzymes	phenylthiazolones of p-s," J. Biochem., 1983,	guanidinophenylalanine and 94(4), 1119-1125		
		DA	Ukai, Y. et al., "A novel synthetic in Abstracts, 1997, 127(2), 1 page; J. E	hibitor of endopeptida nzym Inhib., 1996, 11	se-24.15," <i>Chemical</i> (1), 39-49, reported in CAS		
		DB	Vanderslice, P. et al., "A Cyclic Hex J. Immunol., 1997, 158, 1710-1718	capeptide is a Potent A	ntagonist of α4 Integrins,"		
		DC ·	Venturella, V.S. et al., "Substituted 1 Synthesis and Scope of the Method," J.	,3-Dihydro-4H-furo[3,4- . <i>Heterocyclic Chem.</i> ,	-d]-1,3-benzodiazepin-3-ones: 1969, 6(5), 671-679		
		DD	Yanagisawa, H. et al., WO 97/37970, "lowering blood sugar level," Chemical	Preparation of phenylalk Abstracts, 1997, Abstrac	cylcarboxylic acid derivatives et 127:307307, 4 pages		
		DE	Yang, X., "A predominant role of integ diabetes in nonobese diabetic mice," Pa	grin α4 in the spontaneou roc. Natl. Acad. Sci. USA	s development of autoimmune 4, 1994, 91, 12604-12608		
		DF	Yednock, T.A., "Prevention of experimagainst α4β1 integrin," Nature, 1992, 3	nental autoimmune encep	phalomyelitis by antibodies		
		DG	Whitlock, B.J. et al., "Structure and syn	nthesis of lathyrine," J. (Org. Chem., 1965, 30, 115-118		
0		DH	Wojciechowska, H. et al., "Preparation Chemical Abstracts, 1968, 68(25), Abs 1621-1623; reported in CAS	of 2,4-dinitrophenyl destract No. 114926r, 1 pag	rivatives of tyrosine," ge; Roc. Chem., 1967, 41(9),		

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	AUG 0 3	2001 &	Sheet 8 of 16
Form	1 100	Docket No. CELL-0113 (PA 471.3)	Serial No. 09/899,488
(Patent and Publications Cited by Applicant veral sheets if necessary)	Applicant Barry John Langha	ım, et al.
	epartment of Commerce t and Trademark Office	Filing Date July 5, 2001	Group Not Yet Assigned
ОТНЕ	R DOCUMENTS (Including Auth	or, Title, Date, Pertine	ent Pages, Etc.)
JM DI	WPI / Derwent No. XP-002076854 (Ajinomoto, K.K.), July 13, 1992 , I	4, Japanese Patent No. J DW9234, 1 Page, Abstra	P 04 193 895 A act Only
DJ	WPI/Derwent No. XP-002076855, Pharm Co. Ltd.), May 2, 1981, DW	Japanese Patent No. JP 78125, 1 page, Abstract	56 049 373 A (Dainippon only
DK	Hammadi, A., et al., "Diastereosele controlled by chiral rhodium cataly XP002106601, 1247-1262	ective hydrogenation of sts," <i>Tetrahedron: Asyn</i>	monodehydro enkephalins nmetry, 1992, 3(10),
DL	Nunami, K., et al., "A novel syntheticarboxylates using 3-bromo-2-isoc XP002106602, 7635-7642	sis of methyl 1,5-disubsyanoacrylates," <i>J. Org.</i>	stituted imidazole-4- Chem., 1994, 59,
DM	Shimohigashi, Y., et al., "Dehydro- 21, XP002106600, 202-208	enkephalins," Int. J. Pe	ptide Protein Res., 1983,
DN	Strange, P.G., et al., "Studies of en of the elimination of ammonia form J. Chem. Soc., Perkin I, 1972, 18, 2	n L-tyrosine catalysed b	y the enzyme from maize,"
DO	WPI/Derwent No. XP002106604, . Chem. Inc.), September 28, 1985,		60 190749 (Mitsui Toatsu
DP	Rico, J.G., et al., "A highly sterose as the crucial step in the synthesis receptor antagonist," J. Org. Chem.	of a novel β -amino acid-	to an αβ-unsaturated ester-containing fibrinogen
DQ	Zablocki, J.A., "Potent in vitro and upon the arg-gly-asp sequence of fi series of orally active fibrinogen re 2378-2394	ibrinogen. (Aminobenza	amidino)succinyl (ABAS)
EXAMINER	Ju .	DATE CONSIDER	RED 7/9/82

et No. Serial No. Form PTO-1449 Modified 09/899,488 EELL-0113 (PA 471.3) Applicant List of Patent and Publications Barry John Langham, et al. Cited by Applicant (Use several sheets if necessary) Group Filing Date U.S. Department of Commerce Not Yet Assigned July 5, 2001 Patent and Trademark Office OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) Elsevier Science Publishers, Rodd's Chemistry of Carbon Compounds, 1989, Vol 1-15 & Supplementals Kartitzky E. et al., Comprehensive Heterocyclic Chemistry, 1984, Vol. 1-8, 1994, Vol. DS 1-11 (Pergamon) E. Trost & Flemming, Comprehensive Organic Functional Group Transformations, DT 1991, Vol 1-8 (Pergamon) VCH Publishers, Inc., Larock's Comprehensive Organic Transformations, 1989 ĐU John Wiley & Sons, March's Advanced Organic Chemistry, 1992 DY DATE CONSIDERED **EXAMINER**

* A copy of this reference will not be forwarded to the U.S. Patent and Trademark Office Since it is believed to be too voluminous and easily obtainable by the Examiner

Form PTO-1449 Modified

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List of Patent and Publications Cited by Applicant (Use several sheets if necessary) **Applicant**

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U.S. Department of Commerce Patent and Trademark Office

Filing Date July 5, 2001 Group

Not Yet Assigned

U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass
-Tan	DW	4,470,973	09/11/84	Natarajan, et al.	424	177
1	DX	4,554,273	11/19/85	Bayssat et al.	514	221
	DY	4,987,132	01/22/91	Mase et al.	514	252
	DZ	5,164,372	11/17/92	Matsuo et al.	514	19
	EA	5,227,490	07/13/93	Hartman, et al	514	31-2
	EB	5,260,277	11/09/93	McKenzie	544	18
	EC	5,296,486	03/22/94	Lazer et al.	514	333
	ED	5,510,346	04/23/96	Martin et al.	514	221
	EE	5,698,691	12/16/97	Yukimasa et al.	540	490
	EF	5,773,646	06/30/98	Chandra Kumar	562	439

Examiner Initial		Document No.	Date	Country	Translation YES NO
often	EG.	0 031 104 A1	07/01/81	EP	X
	ЕН	0 048 763 A1	04/07/82	EP	X
	EI	0 144 230 A2	06/12/85	EP	X
	EJ	0 288 176 A1	10/26/88	EP	X
	EK	0 322 068 A1	06/28/89	EP	X
	EL	0 394 989 A2	10/31/90	EP	X
	EM	0 498 268 A2	08/12/92	ЕР	X
	EN	0 596 406 A1	05/11/94	EP	X /
EXAMINE	R	Tay		DATE CONSIDE	RED 7/9/02



Form PTO-1449 Modified

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U.S. Department of Commerce Patent and Trademark Office Filing Date
July 5, 2001

Group

Not Yet Assigned

Examiner Initial		Document No.	Date	Country	Translation YES NO
-Ch	EO	0 710 657 A1	05/08/96	EP	X (Abstract Only)
1	EP	0 710 659 A1	05/08/96	EP	X
	EQ	0 842 943 A2	05/20/98	EP	X (Abstract Only)
	ER	0 842 945 A2	05/20/98	EP	X (Abstract Only)
	ES	WO 86/02353	04/24/86	PCT	X
	ET	WO 93/00095	01/07/93	PCT	X
	EU	WO 93/08174	04/29/93	PCT	X
	EV	WO 93/09795	05/27/93	PCT	X
	EW	WO 94/15954	07/21/94	PCT	X (Abstract Only)
	EX	WO 94/15955	07/21/94	PCT	X (Abstract Only)
	EY	WO 94/29285	12/22/94	PCT	X
	EZ	WO 95/13811	05/26/95	PCT	X (Abstract Only)
	FA	WO 95/15973	06/15/95	PCT	X
	FB	WO 95/19356	07/20/95	PCT	X (Abstract Only)
	FC	WO 95/35314	12/28/95	PCT	X (Abstract Only)
	FD	WO 96/01644	01/25/96	PCT	X
	FE	WO 96/22966	08/01/96	PCT	X
	FF	WO 96/26190	08/29/96	PCT	X
	FG	WO 97/03094	01/30/97	PCT	X
	FH	WO 97/08145	03/06/97	PCT	X
	FI	WO 97/04247	02/06/97	PCT	
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Form PTO-1449 Mod

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List of Patent and Publications Cited by Applicant (Use several sheets if necessary) Applicant

Barry John Langham, et al.

U.S. Department of Commerce Patent and Trademark Office

Filing Date July 5, 2001 Group Not Yet Assigned

Examiner Initial		Document No.	Date	Country	Translation YES NO
yen	FJ	WO 97/12866	04/10/97	PCT	X
	FK	WO 97/23480	07/03/97	PCT	X
	FL	WO 97/31907	09/04/97	PCT	X
	FM	WO 97/36858	10/09/97	PCT	X
	FN	WO 97/36859	10/09/97	PCT	X
	FO	WO 97/36861	10/09/97	PCT	X
	FP	WO 97/36862	10/09/97	PCT	X
	FQ	WO 97/44333	11/27/97	PCT	X (Abstract Only)
	FR	WO 97/47618	12/18/97	PCT	X
	FS	WO 98/00395	01/08/98	PCT	X (Abstract Only)
	FT	WO 98/04247	02/05/98	PCT	X
	FU	WO 98/04913	02/05/98	PCT	X
	FV	WO 98/18460	05/07/98	PCT	X
	FW	WO 98/25892	06/18/98	PCT	X
	FX	WO 98/31359	07/23/98	PCT	X
	FY	WO 98/42662	10/01/98	PCT	X
	FZ	WO 98/53814	12/03/98	PCT	X
	GA	WO 98/53817	12/03/98	PCT	X
	GB	WO 98/53818	12/03/98	PCT	X
	GC	WO 98/54207	12/03/98	PCT	X
	GD	WO 98/58902	12/30/98	PCT	X / /
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Docket No. CELL-0113 (PA 471.3)

Serial No. **09/899,488**

List of Patent and Publications
Cited by Applicant
(Use several sheets if necessary)

Applicant

Barry John Langham, et al.

U.S. Department of Commerce Patent and Trademark Office Filing Date
July 5, 2001

Group
Not Yet Assigned

Examiner Initial		Document No.	Date	Country	Translation YES NO
jeu	GE	WO 99/06390	02/11/99	PCT	X
	GF	WO 99/06431	02/11/99	PCT	X
	GG	WO 99/06432	02/11/99	PCT	X
	GH	WO 99/06433	02/11/99	PCT	X
	GI	WO 99/06434	02/11/99	PCT	X
	GJ	WO 99/06435	02/11/99	PCT	X
	GK	WO 99/06436	02/11/99	PCT	X
	GL	WO 99/06437	02/11/99	PCT	X
	GM	WO 99/10312	03/04/99	PCT	X
	GN	WO 99/10313	03/04/99	PCT	X
	GO	WO 99/20272	04/29/99	PCT	X
	GP	WO 99/26921	06/03/99	PCT	X
	GQ	WO 99/26922	06/03/99	PCT	X
	GR	WO 99/26945	06/03/99	PCT	X
·	GS	WO 99/30709	06/24/99	PCT	X
	GT	WO 99/31061	06/24/99	PCT	X
	GU	WO 99/31099	06/24/99	PCT	X
	GV	WO 99/32457	07/01/99	PCT	X
	GW	WO 99/35163	07/15/99	PCT	X
	GX	WO 99/36393	07/22/99	PCT	X
/	GY	WO 99/37618	07/29/99	PCT	X
	GZ	WO 99/43642	09/02/99	PCT	X / /
EXAMINI	ER	oper		DATE CONSIDER	ED $7/9/w$

Form PTO-1449 Modified

Docket No. **CELL-0113 (PA 471.3)**

Serial No. **09/899,488**

List of Patent and Publications
Cited by Applicant
(Use several sheets if necessary)

Applicant

Barry John Langham, et al.

U.S. Department of Commerce Patent and Trademark Office Filing Date
July 5, 2001

Group
Not Yet Assigned

Examiner Initial		Document No.	Date	Country	Translation YES NO
The	HA	WO 99/44994	09/10/99	PCT	X
	нв	WO 99/48879	09/30/99	PCT	X
	нс	WO 99/52879	10/21/99	PCT	X
	HD	WO 99/52896	10/21/99	PCT	X
	HE	WO 99/52898	10/21/99	PCT	X
	HF	WO 99/60015	11/25/99	PCT	X (Abstract Only)
	HG	WO 99/61465	12/02/99	PCT	
	нн	WO 99/64395	12/16/99	PCT	X
	HI	WO 99/67230	12/29/99	PCT	X
	НJ	WO 00/00486	01/06/00	PCT	X
	нк	WO 00/01383	01/13/00	PCT	X
	HL	WO 00/06169	02/10/00	PCT	X
	нм	WO 00/07544	02/17/00	PCT	X
	HN	WO 00/17197	03/30/00	PCT	X
	но	WO 00/23419	04/27/00	PCT	
	HP	JP 56 090045	07/21/81	Japan	X (Abstract Only)
	HQ	JP 03 135962	06/10/91	Japan	X (Abstract Only)
	HR	DE 196 54 483 A	01/02/98	Germany	X (Abstract Only)
	HS	DE 23 16 881 A	10/11/73	Germany	X (Abstract Only)
N	нт	DE 28 37 264 A1	03/01/79	Germany	X (Abstract Only)
Tay	HU	WO 00/35855	06/22/00	PCT	
ophi	HV	WO 00/23419	04/27/00	PCT	
M	HW	WO 00/35855	06/22/00	PCT	
EXAMINE	R	The		DATE CONSI	DERED 7/9/62

	,	PTO-1449 Modifi	Docket No. CELL-0113 (PA 471.3)	Serial No. 09/899,488							
	List of ((Use se	Patent and Publication Cited by Applicant veral sheets if necessa	Applicant Barry John Langham, et al.								
	U.S. D	epartment of Commer t and Trademark Office	Filing Date July 5, 2001	Group Not Yet	Group Not Yet Assigned						
U. S. PATENT DOCUMENTS											
Examiner Initial		Document No.	Date	Name	Class	Subclass					
gu	HX	6,093,696	07/25/00	Head, et al.	514	19					
W	НҮ	5,399,585	03/21/95	Alig, et al.	514	438					
~~	HZ	6,166,050	12/26/00	Lembardo, et al.	514	352.18					
						1 1					
EXAMINER TOM			DATE CONSIDERED 7 9 00								

			Patent and Publication ited by Applicant reral sheets if necessary	Docket No. CELL-0113 (PA 471.3) Applicant Barry John Langham, et al.			
	τ	J.S. De	reral sheets if necessar epartment of Commer and Trademark Office	Filing Date July 5, 2001	Group Not Yet Assigned		
			FORE	IGN PATENT I	DOCUMENTS		
Examin Initial	er		Document No.	t No. Date Country Translation YES NO			
1	14	IA	WO 97/24124	07/10/97	PCT		
X	W	IB	WO 00/31067	06/02/00	PCT		,
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